

Farms Reporting Energy Savings, Energy Audits, and/or Federal Funding, 2009

[Only operations that reported wind turbines, methane digesters, and/or solar panels]

State	Total farms reporting wind turbines, digesters, and/or solar panels	Average dollars saved on 2009 utility bills per farm ¹	Performed energy audit (farms)	Received federal funding (farms)
United States	8,569	2,406	613	1,101
Pennsylvania	196	4,534	10	52

¹ Only includes positive reported data. Operations that reported zero or failed to report are not included.

Farms Reporting Methane Digesters, Number of Digesters, Methane Produced, Installation Cost, Percent Funded by Outside Sources, and Year of Installation, 2009

State	Farms	Number of methane digesters	Average per methane digester		Percent of installation cost funded by outside sources ¹	Year methane digesters installed ² (number of digesters)		
			Methane produced ¹ (cubic feet)	Installation cost ¹ (dollars)		Prior to 2000	2000-2004	2005-2009
United States	121	140	30,515,800	1,718,562	48	11	22	86
Pennsylvania	13	16	18,951,843	642,188	58	(D)	(D)	9

¹ Only includes positive reported data. Operations that reported zero or failed to report are not included.

² Numbers may not add to total number of digesters. Only includes operations reporting year installed.

(D) Withheld to avoid disclosing data for individual farms.

Farms Reporting Photovoltaic (PV) and Thermal Solar Panels by Type, Capacity, Installation Cost, Percent Funded by Outside Sources, and Year of Installation, 2009

State	Farms	Farm reporting ¹		Average per farm		Percent of installation cost funded by outside sources ¹	Year solar panels installed ² (number of solar panels)		
		PV solar panels	Thermal solar panels	PV rated generating capacity ¹ (watts)	Installation cost ¹ (dollars)		Prior to 2000	2000-2004	2005-2009
United States	7,968	7,236	1,835	4,449	31,947	44	18,881	45,028	108,532
Pennsylvania	173	160	37	1,750	20,699	44	122	290	2,048

¹ Only includes positive reported data. Operations that reported zero or failed to report are not included.

² Only includes operations reporting year installed.

Farms Reporting Wind Turbines, Capacity, Installation Cost, Percent Funded by Outside Sources, and Year of Installation, 2009

State	Farms	Number of turbines	Average per turbine		Percent of installation cost funded by outside sources ¹	Year wind turbines installed ² (number of turbines)		
			Rating generating capacity ¹ (kilowatts)	Installation cost ¹ (dollars)		Prior to 2000	2000-2004	2005-2009
ALL WIND, TOTAL								
United States	1,420	1,845	(X)	(X)	(X)	(D)	535	(D)
SMALL WIND (1-100kW)								
United States	1,406	1,831	6	12,972	49	356	532	899
Pennsylvania	26	27	3	7,148	(D)	4	4	15
LARGE WIND (>100kW)								
United States	14	14	1,035	1,339,143	39	(D)	3	(D)
Pennsylvania	-	-	-	-	-	-	-	-

¹ Only includes positive reported data. Operations that reported zero or failed to report are not included.

² Numbers may not add to total number of turbines. Only includes operations reporting year installed.

(X) Not Applicable.

(D) Withheld to avoid disclosing data for individual farms.